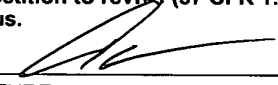


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| FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2005) | | ATTORNEY'S DOCKET NUMBER KR.0004 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) NEW 10/540324 |
| INTERNATIONAL APPLICATION NO. PCT/KR2003/000901 | INTERNATIONAL FILING DATE 7 MAY 2003 | PRIORITY DATE CLAIMED 24 DECEMBER 2002 |
| TITLE OF INVENTION METHOD OF MANUFACTURING ZINC-COATED ELECTRODE WIRE FOR ELECTRIC DISCHARGE PROCESSORS USING HOT DIP GALVANIZING PROCESS | | |
| APPLICANT(S) FOR DO/EO/US Jong-Cho LEE | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input type="checkbox"/> Express Mail Label No. 23. <input checked="" type="checkbox"/> Other items or information: <ol style="list-style-type: none"> 1) UNEXECUTED DECLARATION AND POWER OF ATTORNEY 2) FORM PTO/SB/08A | | |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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|---|--------------|---|------------|--|----------------|
| U.S. APPLICATION NO. 10/540324 <small>NEW</small> | | INTERNATIONAL APPLICATION NO. PCT/KR2003/000901 | | ATTORNEY'S DOCKET NUMBER KR.0004 | |
| The following fees are submitted: | | | | CALCULATIONS | PTO USE |
| 24. <input checked="" type="checkbox"/> Basic national fee | | \$300 | | \$ \$300.00 | |
| 25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). | | \$100 \$200 | | \$ \$200.00 | |
| 26. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | | \$100 \$400 \$500 | | \$ \$400.00 | |
| TOTAL OF 24, 25 and 26 = | | | | \$ \$900.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | RATE | | |
| 30 - 100 = | 0 /50 = | 0 | x \$250.00 | \$ \$0.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 5 - 20 = | 0 | x \$50.00 | \$ \$0.00 | |
| Independent claims | 1 - 3 = | 0 | x \$200.00 | \$ \$0.00 | |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00 | | | | \$ \$0.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ \$900.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ \$0.00 | |
| SUBTOTAL = | | | | \$ \$900.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ \$0.00 | |
| TOTAL NATIONAL FEE = | | | | \$ \$900.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + | | | | \$ \$0.00 | |
| TOTAL FEES ENCLOSED = | | | | \$ \$900.00 | |
| | | | | Amount to be | \$ |
| | | | | Amount to be | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ \$900.00 to cover the above fees is enclosed. | | | | | |
| b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | |
| c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0238 . A duplicate copy of this sheet is enclosed. | | | | | |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: ADAM C. VOLENTINE VOLENTINE FRANCOS & WHITT, PLLC 11951 FREEDOM DRIVE, SUITE 1260 RESTON VA 20190 TEL. 571.283.0720 | | | | | |
| | | | | SIGNATURE  ADAM C. VOLENTINE | |
| | | | | NAME 33,289 | |
| | | | | REGISTRATION NUMBER | |

10/540324

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

JCS Rec'd PCT/PTO 22 JUN 2005
 Docket No. KR.0004

In Re Application Of: **Jong-Cho Lee**

| Application No. | Filing Date | Examiner | Customer No. | Group Art Unit | Confirmation No. |
|-----------------|-------------------|------------|--------------|----------------|------------------|
| NEW | 06/22/2005 | TBA | 20987 | TBA | TBA |

Title: **METHOD OF MANUFACTURING ZINC-COATED ELECTRODE WIRE FOR ELECTRIC DISCHARGE PROCESSORS USING HOT DIP GALVANIZING PROCESS**

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

10/540324

JC09 B

PC1/PTO

Docket No.

JUN 2005

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

KR.0004

In Re Application: Jong-Cho Lee

| Application No. | Filing Date | Examiner | Customer No. | Group Art Unit | Confirmation No. |
|-----------------|-------------|----------|--------------|----------------|------------------|
| NEW | 06/22/2005 | TBA | 20987 | TBA | TBA |

Title: **METHOD OF MANUFACTURING ZINC-COATED ELECTRODE WIRE FOR ELECTRIC DISCHARGE PROCESSORS USING HOT DIP GALVANIZING PROCESS**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____)

(Date) _____

Signature _____

Typed or Printed Name of Person Signing Certificate _____

Certificate of Mailing by First Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____

(Date) _____

Signature of Person Mailing Correspondence _____

Typed or Printed Name of Person Mailing Certificate _____

*This certificate may only be used if paying by deposit account.

Signature _____

Dated: JUNE 22, 2005

ADAM C. VOLENTINE
REG NO. 33289

VOLENTINE FRANCOS & WHITT, PLLC
11951 FREEDOM DRIVE, SUITE 1260
RESTON VA 20190

TEL. 571.283.0720

cc: